

ABSTRACT OF THE DISCLOSURE

Methods are provided in this invention to produce wood-like boards of polyvinylchloride, which are suitable for applications, such as graphic art, construction, furniture, etc. In one of the two embodiments disclosed in this invention, the wood-like polyvinyl chloride boards have smooth surface quality, a density below 0.95 g/cm³, good dimensional stability and strong abrasive resistance. These are produced by hot mixing, cold mixing, extrusion, calibration for quenching and subsequent cutting, to produce solid skin, foamed core products. In the other embodiment, the wood-like polyvinyl chloride boards have embossed surface quality, a density below 1.0 g/cm³, good dimensional stability and surface hardness. These are produced by hot mixing, cold mixing, extrusion and subsequent slow cooling with a roller system to produce embossed products.

053326-04-020